

10/581717

1AP20 Rec'd PCT/PTO 05 JUN 2006  
PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: Q95277

Jinichiro KOGA, et al

Appln. No.: National Stage of PCT/JP2004/015733

Confirmation No.: Unknown

Group Art Unit: Unknown

Filed: June 5, 2006

Examiner: Unknown

For: ENDOGLUCANASE STCE AND CELLULASE PREPARATION CONTAINING THE  
SAME

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. §§ 1.97 and 1.98**

**MAIL STOP AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

One copy of each of the listed documents is submitted herewith, except for the following: U.S. patents and/or U.S. patent publications; and co-pending non-provisional U.S. applications filed after June 30, 2003.

The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date; (2) Before the mailing date of the first Office Action on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after

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filing a request for continued examination (RCE) under §1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for foreign language documents, Applicant encloses herewith a copy of a Communication from a foreign patent office in a counterpart application citing such documents (International Search Report for PCT/JP2004/015733 dated December 14, 2004), together with an English-language version (if not already included) of at least that portion of the Communication indicating the degree of relevance found by the foreign patent office.

In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for foreign language documents, Applicant submits the following explanations: English language abstracts, submitted herewith, constitute concise statements of relevance for WO 98/03667, WO 98/11239, and WO 98/03640. Furthermore WO 98/03667, WO 98/11239, WO 98/03640, WO 00/24879, and WO 01/90375 corresponds to U.S. 6,403,362, 6,277,596, 6,159,720, U.S. 6,001,639, U.S. 6,387,690, U.S. 2003/0054539, EP 0 112 397, and EP 0 129 143. Additionally WO 00/24879 and WO 01/90375 are cited and discussed on page 2 of the specification.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

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The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

Respectfully submitted,

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WASHINGTON OFFICE

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CUSTOMER NUMBER

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*Jr.* Joseph J. Ruch, Jr.  
Registration No. 26,577

Date: June 5, 2006

Substitute for Form 1449 A & B/PTO  <b><u>INFORMATION DISCLOSURE</u></b> <b><u>STATEMENT BY APPLICANT</u></b>  <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/581717 PCT/JP2004/015753
				Confirmation Number	Unknown
				Filing Date	June 5, 2006
				First Named Inventor	Jinichiro KOGA
				Art Unit	Unknown
				Examiner Name	
Sheet 1 of 2				Attorney Docket Number	Q95277

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>2</sup> (if known)		
		US 6,403,362	B1	06/11/2002	TATSUKI MORIYA, ET AL
		US 6,277,596	B1	08/21/2001	MANABU WATANABE, ET AL
		US 6,159,720	A	12/12/2000	KOUCIHIROU MURASHIMA, ET AL
		US 6,001,639	A	12/14/1999	MARTIN SCHUELEIN, ET AL
		US 6,387,690	B1	05/14/2002	MARTIN SCHUELEIN, ET AL
		US 2003/0054539	A1	03/20/2003	MARTIN SCHUELEIN, ET AL
		US			
		US			

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
		JP	11-502701	A	03/09/1999	NOVO NORDISK A/S	
		WO	00/24879	A1	05/04/2000	MEIJI SEIKA KAISHA, LTD.	
		WO	01/90375	A1	11/29/2001	MEIJI SEIKA KAISHA, LTD.	
		EP	0 307 564	A2	03/22/1989	ECOLAB INC.	
		EP	0 220 016	A2	04/29/1987	NOVO INDUSTRI A/S	
		WO	95/02675	A1	01/26/1995	NOVO NORDISK A/S	
		WO	97/30143	A1	08/21/1997	THE PROCTER & GAMBLE COMPANY	
		WO	98/08926	A1	03/05/1998	THE PROCTER & GAMBLE COMPANY	
		WO	91/17243	A1	11/14/1991	NOVO NORDISK A/S	
		WO	98/03667	A1	01/29/1998	MEIJI SEIKA KAISHA, LTD.	Abstract
		WO	98/11239	A1	03/19/1998	MEIJI SEIKA KAISHA, LTD.	Abstract
		WO	98/03640	A1	01/29/1998	MEIJI SEIKA KAISHA, LTD.	Abstract

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>
		MAZUZO NAGAYAMA, "MECHANISM OF THE ACTION OF DETERGENT BUILDERS IN WASHING PROCESS", FRAGRANCE JOURNAL, 1995, Vol. 11, Pages 33-55	
		S.D. MANSFIELD, ET AL, "CHARACTERIZATION OF ENDOGLUCANASES FROM THE BROWN ROT FUNGI GLOEOPHYLLUM SEPIARIUM AND GLOEOPHYLLUM TRABEUM", ENZYME MICROBIAL TECHNOLOGY, Vol. 23, 1998, Pages 133-140	

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov), MPEP 901.04 or follow the hyperlink from the title of the document to the intranet. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to indicate here if English language Translation is attached.

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First Named Inventor		Jinichiro KOGA			
Art Unit		Unknown			
Examiner Name					
Attorney Docket Number		Q95277			
Sheet	2	of	2		

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		Number	Kind Code <sup>2</sup> <i>(if known)</i>		
		US			
		US			
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FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> <i>(if known)</i>			
		EP	0 112 397	A1	07/04/1984	ICHIKOH INDUSTRIES LIMITED	
		EP	0 129 143	A2	12/27/1984	KURARAY CO., LTD.	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>
		CINDY C. JENKINS, ET AL, "THE INFLUENCE OF WATER CHEMISTRY ON THE ENZYMATIC DEGRADATION OF LEAVES IN STREAMS", FRESHWATER BIOLOGY, Vol. 33, 1995, Pages 245-253	

Examiner Signature	Date Considered
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